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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/899,569A

DATE: 03/05/2002  
TIME: 10:07:23

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Output Set: N:\CRF3\03052002\I899569A.raw

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4 <110> APPLICANT: Norbert Schweifer
5      Marwa Scherl-Mostageer
6      Wolfgang Sommergruber
7      Roger Abseher
9 <120> TITLE OF INVENTION: Tumorassoziiertes Antigen (B345)
11 <130> FILE REFERENCE: 0652.2280001
13 <140> CURRENT APPLICATION NUMBER: US/09/899,569A
14 <141> CURRENT FILING DATE: 2001-07-06
16 <150> PRIOR APPLICATION NUMBER: DE 100 33 080.0
17 <151> PRIOR FILING DATE: 2000-07-07
19 <150> PRIOR APPLICATION NUMBER: DE 101 19 294.0
20 <151> PRIOR FILING DATE: 2001-04-19
22 <150> PRIOR APPLICATION NUMBER: US 60/243,158
23 <151> PRIOR FILING DATE: 2000-10-25
25 <150> PRIOR APPLICATION NUMBER: US 60/297,747
26 <151> PRIOR FILING DATE: 2001-06-14
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81 acgagaaagc aacattacag ttctcataaa gctgggacc ccgactctgc tggcaaaacc 180  
83 ctgttacatc gtcatttcta aaagacatata aacc atg ttg tcc atc aag tct gga 235  
84 Met Leu Ser Ile Lys Ser Gly  
85 1 5  
87 gaa aga ata gtc ttt acc ttt agc tgc cag agt cct gag aat cac ttt 283  
88 Glu Arg Ile Val Phe Thr Phe Ser Cys Gln Ser Pro Glu Asn His Phe  
89 10 15 20  
91 gtc ata gag atc cag aaa aat att gac tgt atg tca ggc cca tgt cct 331  
92 Val Ile Glu Ile Gln Lys Asn Ile Asp Cys Met Ser Gly Pro Cys Pro  
93 25 30 35  
95 ttt ggg gag gtt cag ctt cag ccc tcg aca tcg ttg cct acc ctc 379  
96 Phe Gly Glu Val Gln Leu Gln Pro Ser Thr Ser Leu Leu Pro Thr Leu  
97 40 45 50 55  
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101 Asn Arg Thr Phe Ile Trp Asp Val Lys Ala His Lys Ser Ile Gly Leu  
102 60 65 70  
104 gag ctg cag ttt tcc atc cct cgc ctg agg cag atc ggt ccg ggt gag 475  
105 Glu Leu Gln Phe Ser Ile Pro Arg Leu Arg Gln Ile Gly Pro Gly Glu  
106 75 80 85  
108 agc tgc cca gac gga gtc act cac tcc atc agc ggc cga atc gat gcc 523  
109 Ser Cys Pro Asp Gly Val Thr His Ser Ile Ser Gly Arg Ile Asp Ala  
110 90 95 100  
112 acc gtg gtc agg atc gga acc ttc tgc agc aat ggc act gtg tcc cgg 571  
113 Thr Val Val Arg Ile Gly Thr Phe Cys Ser Asn Gly Thr Val Ser Arg  
114 105 110 115  
116 atc aag atg caa gaa gga gtg aaa atg gcc tta cac ctc cca tgg ttc 619  
117 Ile Lys Met Gln Glu Gly Val Lys Met Ala Leu His Leu Pro Trp Phe  
118 120 125 130 135  
120 cac ccc aga aat gtc tcc ggc ttc agc att gca aac cgc tca tct ata 667  
121 His Pro Arg Asn Val Ser Gly Phe Ser Ile Ala Asn Arg Ser Ser Ile  
122 140 145 150  
124 aaa cgt ctg tgc atc atc gag tct gtg ttt gag ggt gaa ggc tca gca 715  
125 Lys Arg Leu Cys Ile Ile Glu Ser Val Phe Glu Gly Glu Gly Ser Ala  
126 155 160 165  
128 acc ctg atg tct gcc aac tac cca gaa ggc ttc cct gag gat gag ctc 763  
129 Thr Leu Met Ser Ala Asn Tyr Pro Glu Gly Phe Pro Glu Asp Glu Leu  
130 170 175 180  
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133 Met Thr Trp Gln Phe Val Val Pro Ala His Leu Arg Ala Ser Val Ser  
134 185 190 195  
136 ttc ctc aac ttc aac ctc tcc aac tgt gag agg aag gag gag cgg gtt 859  
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144	gag gac aag cag cct ggg aac atg gcg ggg aac ttc aac ctc tct ctg				955
145	Glu Asp Lys Gln Pro Gly Asn Met Ala Gly Asn Phe Asn Leu Ser Leu				
146	235	240	245		
148	caa ggc tgt gac caa gat gcc caa agt cca ggg atc ctc cgg ctg cag				1003
149	Gln Gly Cys Asp Gln Asp Ala Gln Ser Pro Gly Ile Leu Arg Leu Gln				
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152	ttc caa gtt ttg gtc caa cat cca caa aat gaa agc aat aaa atc tac				1051
153	Phe Gln Val Leu Val Gln His Pro Gln Asn Glu Ser Asn Lys Ile Tyr				
154	265	270	275		
158	gtg gtt gac ttg agt aat gag cga gcc atg tca ctc acc atc gag cca				1099
159	Val Val Asp Leu Ser Asn Glu Arg Ala Met Ser Leu Thr Ile Glu Pro				
160	280	285	290	295	
162	cgg ccc gtc aaa cag agc cgc aag ttt gtc cct ggc tgt ttc gtg tgt				1147
163	Arg Pro Val Lys Gln Ser Arg Lys Phe Val Pro Gly Cys Phe Val Cys				
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167	cta gaa tct cgg acc tgc agt agc aac ctc acc ctg aca tct ggc tcc				1195
168	Leu Glu Ser Arg Thr Cys Ser Ser Asn Leu Thr Leu Thr Ser Gly Ser				
169	315	320	325		
171	aaa cac aaa atc tcc ttc ctt tgt gat gat ctg aca cgt ctg tgg atg				1243
172	Lys His Lys Ile Ser Phe Leu Cys Asp Asp Leu Thr Arg Leu Trp Met				
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175	aat gtg gaa aaa acc ata agc tgc aca gac cac cgg tac tgc caa agg				1291
176	Asn Val Glu Lys Thr Ile Ser Cys Thr Asp His Arg Tyr Cys Gln Arg				
177	345	350	355		
179	aaa tcc tac tca ctc cag gtg ccc agt gac atc ctc cac ctg cct gtg				1339
180	Lys Ser Tyr Ser Leu Gln Val Pro Ser Asp Ile Leu His Leu Pro Val				
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183	gag ctg cat gac ttc tcc tgg aag ctg ctg gtg ccc aag gac agg ctc				1387
184	Glu Leu His Asp Phe Ser Trp Lys Leu Val Pro Lys Asp Arg Leu				
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187	agc ctg gtg ctg gtg cca gcc cag aag ctg cag cag cat aca cac gag				1435
188	Ser Leu Val Leu Val Pro Ala Gln Lys Leu Gln Gln His Thr His Glu				
189	395	400	405		
191	aag ccc tgc aac acc agc ttc agc tac ctc gtg gcc agt gcc ata ccc				1483
192	Lys Pro Cys Asn Thr Ser Phe Ser Tyr Leu Val Ala Ser Ala Ile Pro				
193	410	415	420		
195	agc cag gac ctg tac ttc ggc tcc ttc tgc ccg gga ggc tct atc aag				1531
196	Ser Gln Asp Leu Tyr Phe Gly Ser Phe Cys Pro Gly Gly Ser Ile Lys				
197	425	430	435		
199	cag atc cag gtg aag cag aac atc tcg gtg acc ctt cgc acc ttt gcc				1579
200	Gln Ile Gln Val Lys Gln Asn Ile Ser Val Thr Leu Arg Thr Phe Ala				
201	440	445	450	455	
203	ccc agc ttc caa caa gag gcc tcc agg cag ggt ctg acg gtg tcc ttt				1627
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211	aaa	agc	aag	gtc	tac	ctg	agg	acc	ccc	aac	tgg	gac	cgg	ggc	ctg	cca	1723
212	Lys	Ser	Lys	Val	Tyr	Leu	Arg	Thr	Pro	Asn	Trp	Asp	Arg	Gly	Leu	Pro	
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217	Ser	Leu	Thr	Ser	Val	Ser	Trp	Asn	Ile	Ser	Val	Pro	Arg	Asp	Gln	Val	
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250																645	
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256	act	ccc	atg	tgt	atg	cag	tca	tcg	agg	aca	cca	tgg	tat	atg	ggc	atc	2251
257	Thr	Pro	Met	Cys	Met	Gln	Ser	Ser	Arg	Thr	Pro	Trp	Tyr	Met	Gly	Ile	
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280 745  
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VERIFICATION SUMMARY  
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L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
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